SUPERIOR CODE READER FEATURES

WHOLE RACK READERS

- Anti-frost system which minimizes condensation of frozen samples (passive system with DR505 and DR700 and active system with DR710)
- Scan time differs per scanner and varies from 1 to 5 seconds
- High resolution image quality
- Single tube reading option
- Supplied with Micronic Code Reader Software
- Scans and decodes 2D Data-Matrix codes
- Compatible with 96-, 48-, and 24-well format racks
- Compatible with most brands of sample storage tubes and racks
- Small benchtop solution

SINGLE TUBE READERS

- Scans 2D Data-Matrix coded tubes in less than 1 second
- Easy to use - no software installation
- Sound indication (beep) when code is read
- Compatible with 96-, 48-, and 24-well rack and tube formats
- Reads 1D rack barcodes and 1D coded tubes in less than 1 second
- Keyboard wedge functionality
- Small footprint

OPTIONAL FEATURES

Micronic Side Barcode Readers

The Micronic Side Barcode Readers are available as an option for the following whole Rack Readers: the Micronic Rack Readers DR500, DR505, DR700 and DR710. When mounted, the Micronic Code Reader Software can read both the 1D rack barcode and 2D tube codes simultaneously.

CODE READER OVERVIEW & SPECIFICATIONS

Whole Rack Readers	Micronic Rack Reader DR710	Micronic Rack Reader DR700	Micronic Rack Reader DR505	Micronic Rack Reader DR500
Basic Features				
Imaging technology	CCD	CCD	CIS	CIS
Decode time	1 second	1 second	1 second	1 second
Scan time	7 seconds	7 seconds	5 seconds	5 seconds
Dimensions (mm)	309 x 230 x 87	309 x 230 x 87	265 x 186 x 70	265 x 186 x 70
Decoding software	Micronic	Micronic	Micronic	Micronic
Software Compatibility				
Windows XP, 10, 8.1 and 7*	Yes	Yes	Yes	Yes
Connection	USB x 2	USB x2	USB x2	USB x2
Output Options				
Output text file	Yes	Yes	Yes	Yes
Configure output file	Yes	Yes	Yes	Yes
ODBC database push	Yes	Yes	Yes	Yes
User account independent	Yes	Yes	Yes	Yes
Network ready	Yes	Yes	Yes	Yes
TCP/IP remote control	Yes	Yes	Yes	Yes
Tube/Rack Compatibility				
24-well format tube/rack	Yes	Yes	Yes	Yes
48-well format tube/rack	Yes	Yes	Yes	Yes
96-well format tube/rack	Yes	Yes	Yes	Yes
Read all 2D Data-Matrix codes	Yes	Yes	Yes	Yes
Other Features				
No tube, no code feature	Yes	Yes	Yes	Yes
Single tube reading	Yes	Yes	Yes	Yes
Rack templates	Yes	Yes	Yes	Yes
Anti-frost system	Yes, Active	Yes, Passive	Yes, Passive	No
Robot gripper friendly	Yes	Yes	Yes	Yes
Linear rack barcode reading	Optional	Optional	Optional	Optional
Automatic code polarity recognition	Yes	Yes	Yes	Yes

* Please contact us for compatibility with other Windows versions.

MICRONIC

INNOVATION IN SAMPLE STORAGE

- SERVING SCIENTISTS SINCE 1984
- INDUSTRY LEADING 5-YEAR WARRANTY ON CODE READERS
- ASSEMBLY IN THE NETHERLANDS AND THE UNITED STATES

MICRONIC CODE READER RANGE

Single Tube and Whole Rack Scanners

MICRONIC CODE READER RANGE
SINGLE TUBE AND WHOLE RACK READERS

A COMPLETE RANGE FOR EVERY BUDGET

To enable fast, accurate and efficient sample identification, Micronic offers an extensive code reader range which consists of whole rack and single tube readers. The high-end DR700 and DR710 Rack Readers feature deep focus image technology (CCD imaging technology) ensuring the highest accuracy 2D code reading, and an anti-frost system so that tube codes from even frozen samples can be read. The DR700 has a passive anti-frost system, whereas the DR710 has an active anti-frost system (ambient air is drawn into the scanner where it is cleaned of dust. Warmed dry air in the scanner prevents condensation on the scanning plate). The DR700 and DR710 have a scan time of approximately 7 seconds. To read 1D rack barcodes simultaneously, the Side Barcode Reader is available.

The Micronic Rack Readers DR500 and DR505 are small benchtop solutions that can read 2D codes quickly and cost effective within seconds. The compact readers are built for high throughput and automated systems. The DR505 version has a passive anti-frost system, which enables users to read racks filled with 2D coded tubes straight from the freezer. All Micronic Rack Readers are standard supplied with Micronic Code Reader Software to ensure optimal performance.

To identify codes from single tubes, we offer easy to use single tube scanners. The versatile Micronic Tube Reader DT510 can read 1D barcoded and 2D Data-Matrix coded tubes within 1 second. The Micronic Tube Reader DT300 is a portable lightweight device.

MICRONIC CODE READER SOFTWARE

The comprehensive Micronic Code Reader Software is fully compatible with all Micronic Rack Readers. The user friendly software is easy to use, gives reliable code readings and can be easily integrated into any laboratory sample database.

Developed on the basis of extensive user feedback, the new Micronic Code Reader Software features an automatic re-read function that ensures all the codes in a rack are deciphered quickly. After a rack is scanned, each cell contains a high-quality image of the code and tube ID, as well as a 'no tube, no code' feature if a tube cannot be found. Additional useful features include adjustment controls for brightness, contrast and threshold to optimize tube code display. Furthermore, the Micronic Code Reader Software features an automatic code polarity recognition function, which allows users to scan white on black code surfaces and black on white code surfaces, further improving compatibility. All features in the new software are included as standard at no extra cost with free upgrades and technical support.
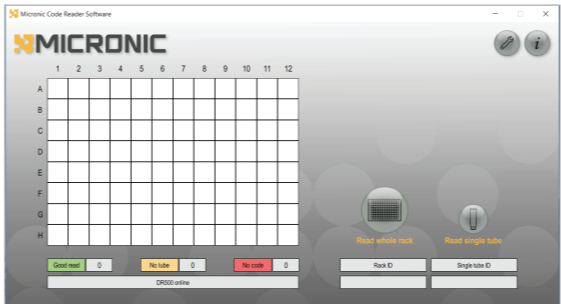
IN-HOUSE ASSEMBLY & EXCEPTIONAL SERVICE

At Micronic, we develop and manufacture our premium labware and precision engineered equipment in-house. We are committed to offer top-of-the-line products, delivering exceptional quality, reliability and durability. Above all, we stand behind our solutions, and are confident that you will too.

Micronic Code Readers are assembled in the Netherlands and the United States. High-level service is of paramount importance at Micronic. Therefore, we have well-trained personnel on hand to provide service on equipment. These services range from annual maintenance, installation support and customization, to repairs.

Micronic warrants that its products are of satisfactory quality and conform to applicable EU legislation. If the product turns out to be defective, Micronic will arrange to repair or replace the product during the warranty period. The warranty period begins on the day the product was purchased from an authorized dealer and ends after 5 years for Micronic Reading equipment. In case of product replacement, the warranty start date remains the date of purchase of the original product. Micronic offers an industry leading warranty of 5 years, because we can!

5-Year Warranty

Micronic Rack Reader DR710
Whole Rack Reader
MP35232

- Scan time is 7 seconds
- 309 x 230 x 87 mm
- CCD imaging technology
- 96, 48, 24-format compatible
- Active Anti-frost system
- Single tube reading
- Optional 1D Side Barcode Reader

Micronic Rack Reader DR700
Whole Rack Reader
MP35230

- Scan time is 7 seconds
- 309 x 230 x 87 mm
- CCD imaging technology
- 96, 48, 24-format compatible
- Passive Anti-frost system
- Single tube reading
- Optional 1D Side Barcode Reader

Micronic Side Barcode Reader for DR700 line
Side Barcode Reader
MP35250

- Scan time is 1 second
- 204 x 147 x 35 mm
- CCD imaging technology
- ANSI/SLAS barcoded rack compatible
- 1D Side Barcode Reader

Micronic Rack Reader DR505
Whole Rack Reader
MP35221

- Scan time is 5 seconds
- 254 x 157 x 47 mm
- CIS imaging technology
- 96, 48, 24-format compatible
- Passive Anti-frost system
- Single tube reading
- Optional 1D Side Barcode Reader

Micronic Rack Reader DR500
Whole Rack Reader
MP35220

- Scan time is 5 seconds
- 254 x 157 x 47 mm
- CIS imaging technology
- 96, 48, 24-format compatible
- Single tube reading
- Optional 1D Side Barcode Reader

Micronic Side Barcode Reader for DR500 line
Side Barcode Reader
MP53240

- Scan time is 1 second
- 230 x 132 x 35 mm
- CCD imaging technology
- ANSI/SLAS barcoded rack compatible
- 1D Side Barcode Reader

Micronic Tube Reader DT510
Single Tube Reader
MP55128

- Scan time is 1 second
- 90 x 80 x 95.4 mm
- CMOS imaging technology
- 96, 48, 24-format compatible
- 1D barcode reading
- 2D Data-Matrix code reading

Micronic Tube Reader DT300
Single Tube Reader
MP55127

- Scan time is 1 second
- 135 x 40 x 29 mm
- CIS imaging technology
- 96, 48, 24-format compatible
- 1D barcode reading
- 2D Data-Matrix code reading

DID YOU KNOW...

The Micronic Starter Packs are ideal for research laboratories that want to start using 2D coded tubes, or for those who are not satisfied with their current supplier and would like to try the high quality of Micronic products. Considering the amount of samples, the size of the lab and degree of automation, Micronic offers the Sample Storage Starter Packs in a range of formats: BASIC, STANDARD, ADVANCED, PREMIUM and PREMIUM+. All the Micronic Starter Packs contain 2D coded tubes with Screw or Push Caps, scanners, and manual or electric (de)cappers. A Starter Pack saves up to 20%!